

# FILE NOTATIONS

Entered in NID File .....  
Location Map Pinned .....  
Card Indexed .....  
✓

Checked by Chief .....  
Approval Letter .....  
Disapproval Letter .....

## COMPLETION DATA:

Well Completed 1/28/80  
..... WW..... TA.....  
GW..... OS..... PA.....  
✓

Location Inspected .....

Bond released

State or Fee Land .....

## LOGS FILED

Driller's Log.....  
Electric Logs (No.) .....  
✓

E..... I..... Dual I Lat..... GR-H..... Micro.....  
Sonic GR..... Lat..... MI-L..... Sonic.....  
CCTlog..... Others.....

**PACIFIC TRANSMISSION SUPPLY COMPANY**  
**Natural Gas Corporation of California**

85 South 200 East  
Vernal, Utah 84078  
(801) 789-4573

November 20, 1979

Mr. Frank M. Hamner  
Chief Petroleum Engineer  
Division of Oil, Gas and Mining  
1588 West North Temple  
Salt Lake City, Utah 84116

Re: Proposed PTS #11-32 State  
Section 32, T15S, R22E  
Uintah County, Utah  
Winter Ridge Unit

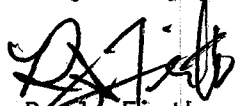
Dear Mr. Hamner:

Enclosed are the following documents relating to drilling the above captioned well in the Winter Ridge Unit:

- 1) Application for Permit to Drill
- 2) Surveyor's Plat
- 3) Drilling Program and Procedure
- 4) BOP and Pressure Control Specifications
- 5) Location Layout Map
- 6) Topographic Maps "A" and "B"

Your early consideration and approval of this application would be appreciated. Should you require any additional information, please contact this office.

Very truly yours,



R. J. Firth  
Petroleum Engineer

RJF:kh

Encls.

cc: J. L. Wroble  
E. R. Henry  
E. E. Mulholland



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL & GAS

5. Lease Designation and Serial No.

ML 26678

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

Winter Ridge *skt*

8. Farm or Lease Name

State

9. Well No.

11-32

10. Field and Pool, or Wildcat

Wildcat

11. Sec., T., R., M., or Blk. and Survey or Area

Section 32, T15S, R22E

12. County or Parrish

Utah

Utah

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. Type of Well

Oil Well ☐Gas Well ☒

Other

Single Zone ☐Multiple Zone ☐

2. Name of Operator

Pacific Transmission Supply Company

3. Address of Operator

P.O. Box 3093, Casper, Wyoming 82602

4. Location of Well (Report location clearly and in accordance with any State requirements.\*)

At surface

734' from north line, 608' from west line, NW 1/4, NW 1/4,

At proposed prod. zone Section 32, T15S, R22E, S.L.B. &amp; M. Uintah County, Utah

14. Distance in miles and direction from nearest town or post office\*

69 miles south of Ouray, Utah

15. Distance from proposed\*

location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)

608'

16. No. of acres in lease

640

17. No. of acres assigned to this well

640

18. Distance from proposed location\* to nearest well, drilling, completed, or applied for, on this lease, ft.

19. Proposed depth

10,000' *Morrison*

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

7484' Ungraded ground

22. Approx. date work will start\*

Upon receipt of approval

23.

## PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
30"	20"	81.0	30'	3 cubic yards
17-1/2"	13-3/8"	48.0	500'	350 sacks
12-1/4"	9-5/8"	40.0	5800'	300 sacks
8-3/4"	5-1/2"	17.0	10,000'	As required to protect productive intervals.

Operator proposes to drill well to 10,000' to test the Morrison formation. All water flows and significant hydrocarbon shows will be evaluated and reported. Drilling operations will be conducted according to the attached program and all applicable regulations. Adequate BOP equipment will be installed and maintained as indicated in the attached Pressure Control Specifications. Casing will be run as outlined above and cemented sufficiently to protect all potentially productive intervals. No abnormal pressures, temperatures or other hazards are anticipated.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Signed

*R. L. Firth*

Title. Petroleum Engineer

November 20, 1979

(This space for Federal or State office use)

Permit No.

43-047-30644

Approval Date

Approved by

Title

Conditions of approval, if any:

State of Utah - 3

USGS, SLC, UT - 1

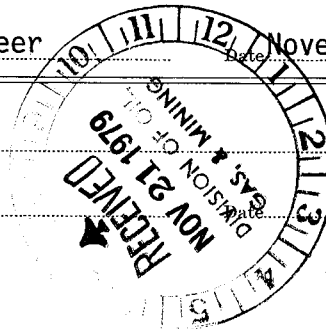
J. L. Wroble - 1

E. R. Henry - 1

E. E. Mulholland - 1

File - 1

\*See Instructions On Reverse Side

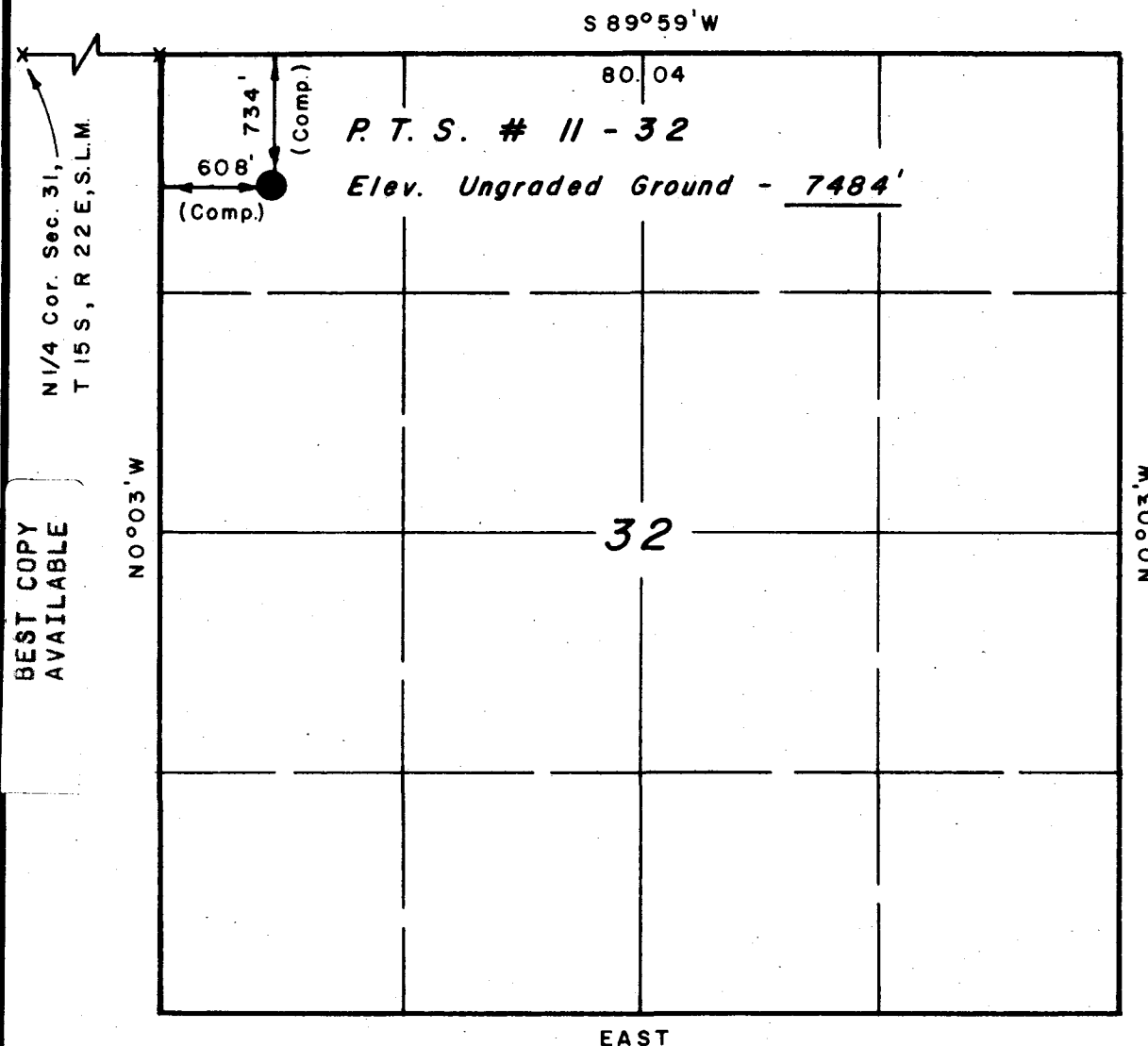


*T 15 S, R 22 E, S.L.B.&M.*

PROJECT

PACIFIC TRANSMISSION SUPPLY CO.

Well location, *P.T.S. # 11 - 32*,  
located as shown in the NW1/4 NW1/4  
Section 32, T15S, R22E, S.L.B.&M.  
Uintah County, Utah.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.

*Lawrence E. Kay*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO 3137  
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING  
P.O. BOX Q - 110 EAST - FIRST SOUTH  
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	11 / 19 / 79
PARTY	R.K. D.B. S.B.	REFERENCES	GLO Plat
WEATHER	Windy & Cold	FILE	PACIFIC TRANSMISSION

## DRILLING PROGRAM

PTS #11-32 State  
Winter Ridge Unit  
Uintah County, Utah

Location: NW NW Section 32, T15S, R22E  
Uintah County, Utah

Operator: Pacific Transmission Supply Company

Lease No.: ML 26678

Elevation: 7484' (Ungraded Ground)

Drlg. Contractor: To be selected.

### Formation Tops and Datum:

<u>Formation</u>	<u>Depth</u>	<u>Datum</u>
Green River	Surface	
Castlegate	5456	+2028
Dakota	9261	-1777
Morrison	9480	-1996
Total Depth	10,000	

Sample Collection: Thirty (30) foot samples base of surface casing to Dakota formation. Ten (10) foot samples from Dakota to TD. Samples to be collected by drilling crew. Samples may be changed as directed by the wellsite geologist.

Logging Program: Log intervals will be determined by wellsite geologist. Minimum suite of logs to be run are as follows:

- Dual Induction Laterolog w/S.P.
- Borehole Compensated Sonic w/G.R. & Hole Caliper
- CNL-Density w/G.R. & Hole Caliper.

All logs are to be recorded on magnetic tape.

Mud Logging and Drilling Time: Portable mud logging unit operated by wellsite geologist. Geolograph in operation from under surface casing to TD.

Drillstem Testing: All significant shows of oil and gas will be drillstem tested. Use floor manifold w/6" positive choke nipple, jars, safety joint, reverse sub, sample chamber and dual packers. All fluids recovered to be sampled and analyzed by mud logger and chemical lab.

Drilling Program  
PTS #11-32 State  
Page 2

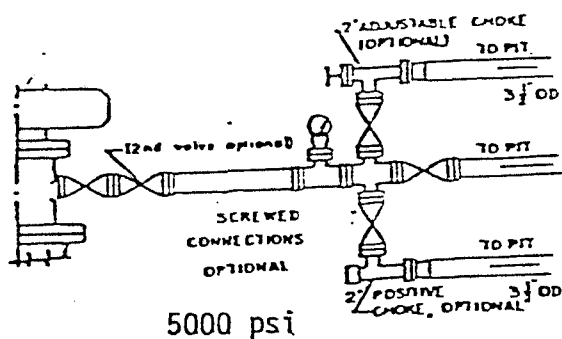
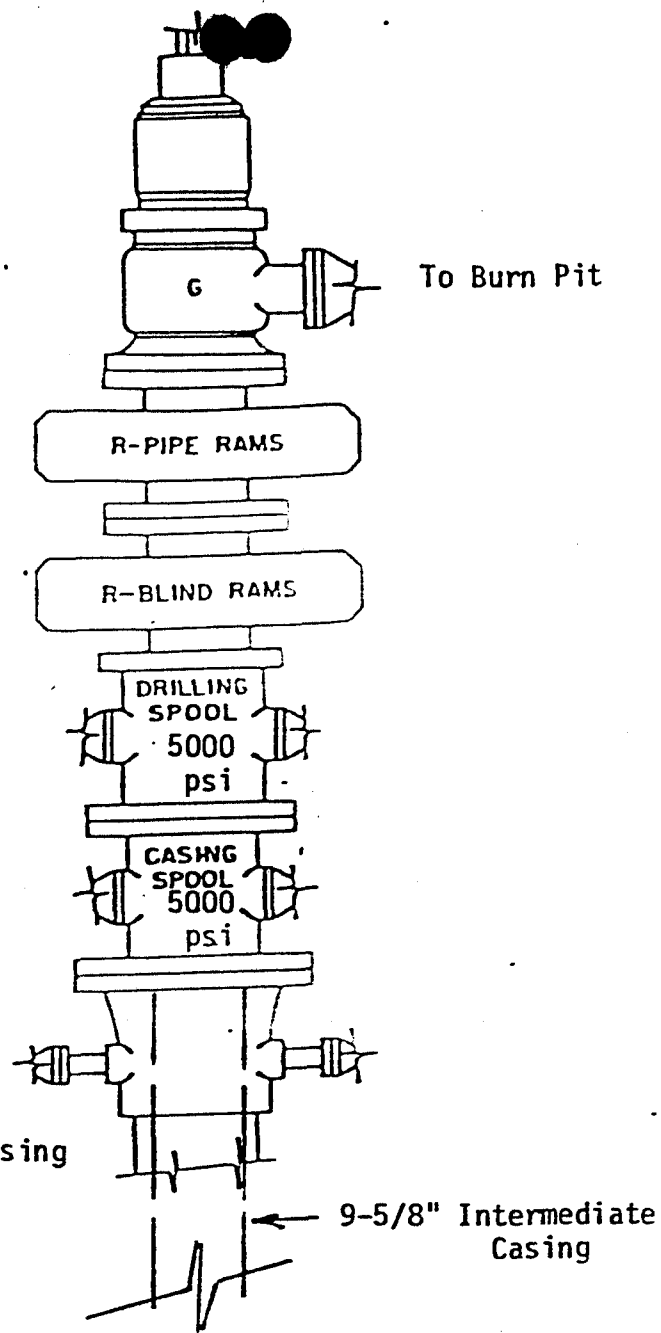
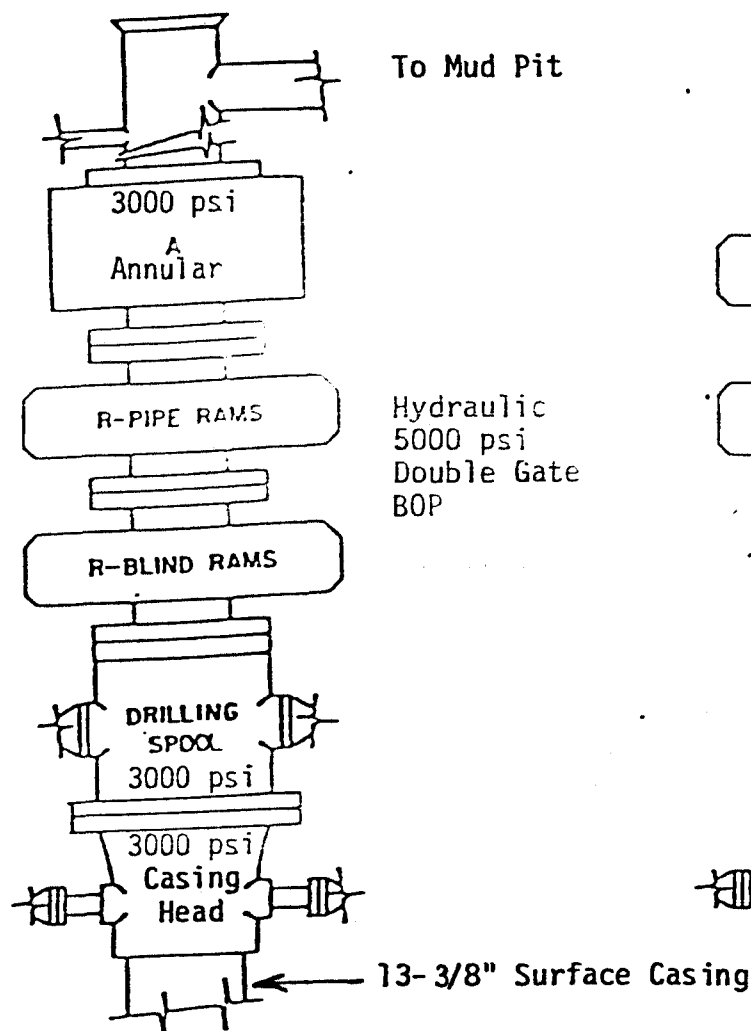
Mud Program:

<u>Interval Feet</u>	<u>Mud Wt. ppg.</u>	<u>Viscosity Sec./qt.</u>	<u>Fluid Loss ML/30min.</u>	<u>Type</u>
0-500	8.3	No Control	No Control	Gel-Lime
500-5800	8.3	No Control	No Control	Wtr-Lime
5800-TD	Air Drill			

Drilling Procedure:

1. MI dry hole digger. Drill 30" hole and set and cement 20" conductor casing @ +30'.
2. MIRT. Drill 17-1/2" hole to +500'.
3. Set 13-3/8", 48#, K-55 surface casing @ +500'. Cement w/+350 sacks.
4. Drill 12-1/4" hole thru Castlegate Formation @ +5800'.
5. Set 9-5/8", 40#, N-80 intermediate casing @ +5800'. Cement w/+300 sacks.
6. Air drill 8-3/4" hole to TD. Log and evaluate well.
7. If the well is found productive, set and cement 5-1/2", 17#, N-80 production casing thru potential zones.

# PRESSURE CONTROL SPECIFICATIONS



**CHOKE-MANIFOLD DESIGN**

## TEST SCHEDULE

12" BOP System & Choke Manifold to 2500 psi.  
13-3/8" and 9-5/8" casing to rated pressure  
prior to drilling shoe.

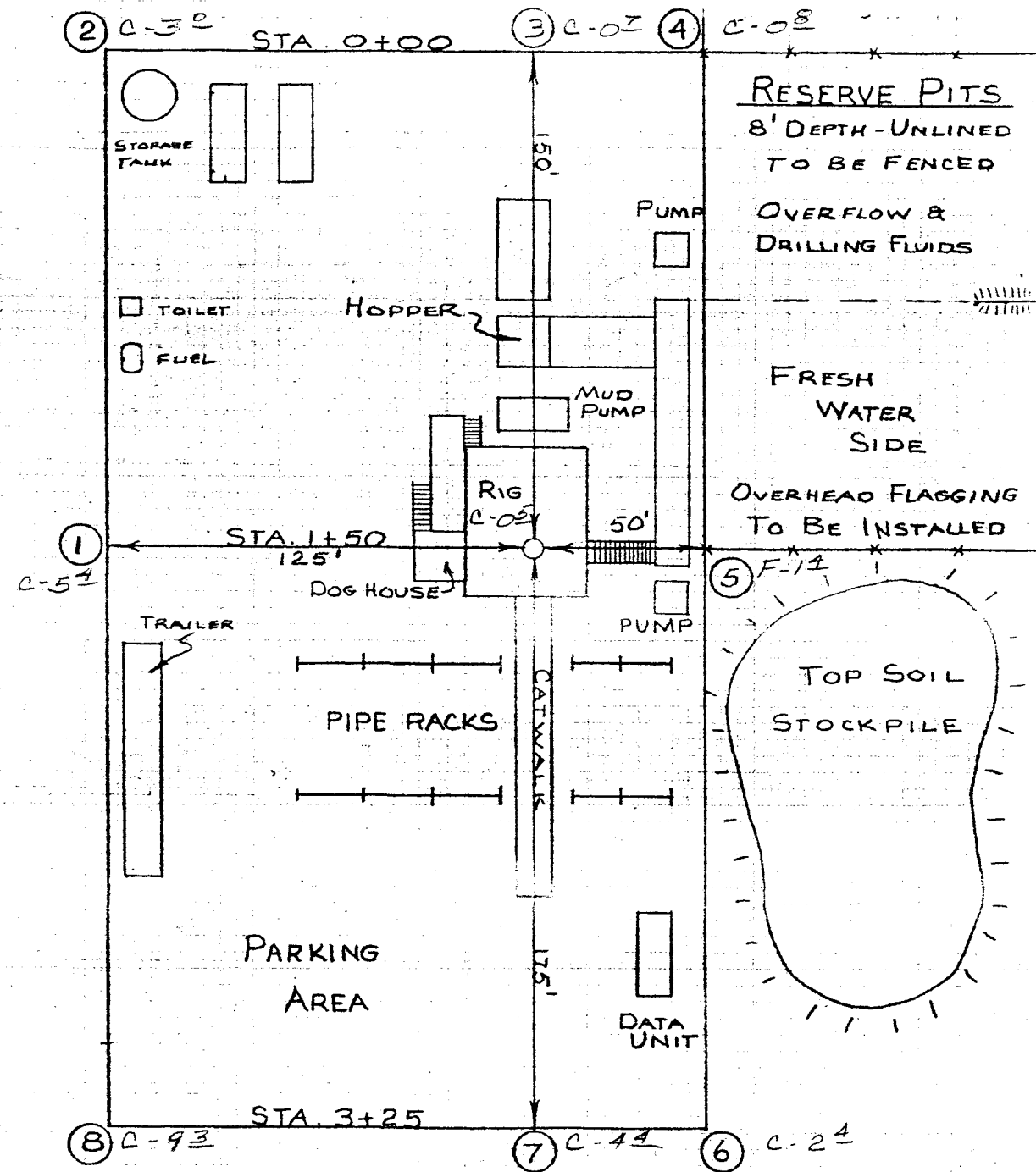
## Auxiliary Equipment

Lower kelly cock, full opening stabbing  
valve, drillpipe float above bit, rotating  
drilling head and other accessory air  
drilling equipment.

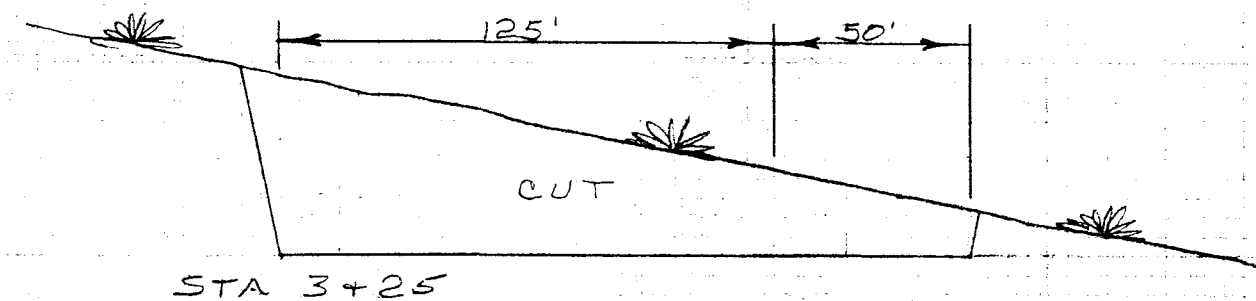
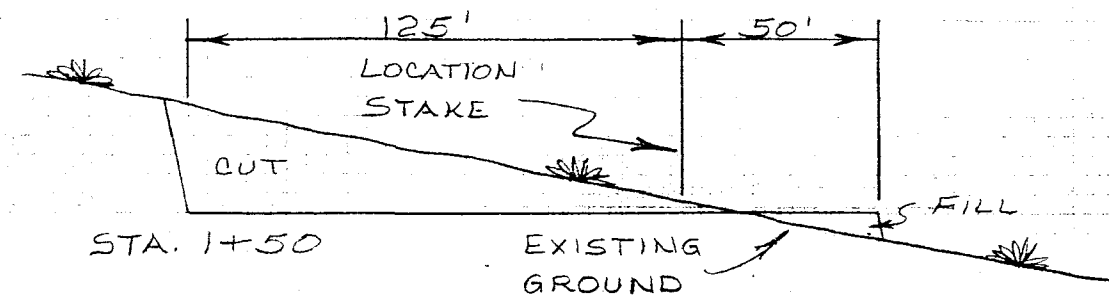
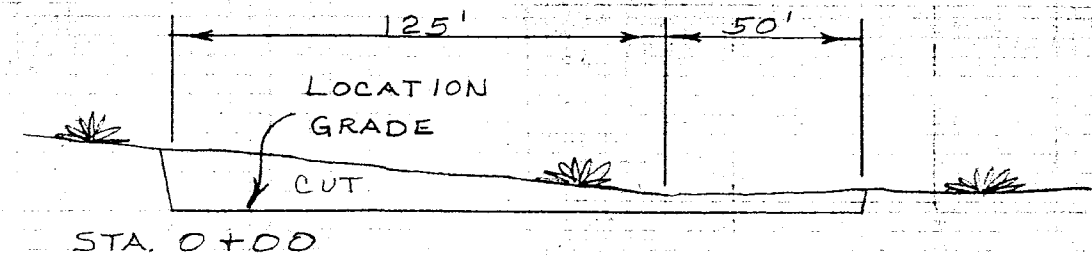
PACIFIC TRANSMISSION SUPPLY CO.

P.T.S. # 11-32

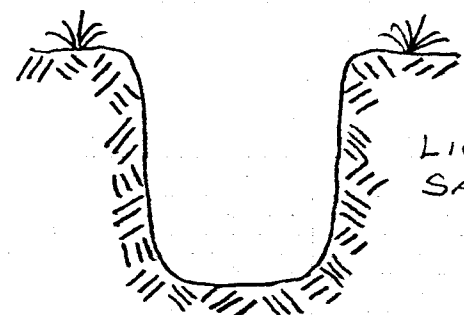
LOCATION LAYOUT & CUT SHEET



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SOILS LITHOLOGY  
- NO SCALE -



LIGHT BROWN  
SANDY CLAY

WIND  
FAST

SCALE 1" = 50'

SCALES

1" = 50'

APPROX. YARDAGES

CUT - 6,584 CU. YDS.

FILL - 166 CU. YDS.



PACIFIC TRANSMISSION SUPPLY

PROPOSED LOCATION

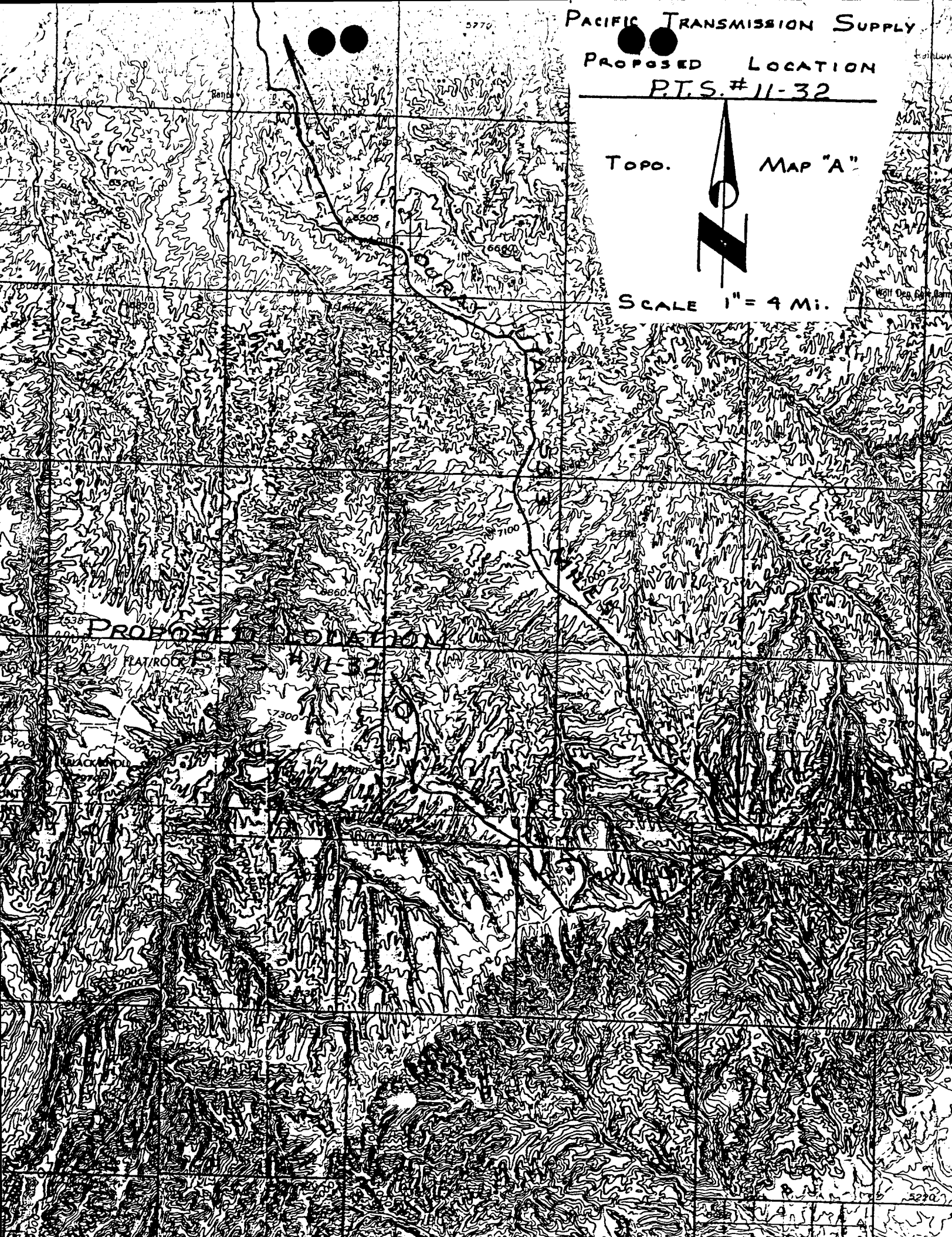
P.T.S. # 11-32

TOPO.

MAP "A"



SCALE 1" = 4 Mi.



PACIFIC TRANSMISSION SUPPLY

PROPOSED LOCATION

P.T.S. #11-32

TOPO.

MAP "B"



SCALE 1" = 2000'

ROAD CLASSIFICATION

Light-duty

Unimproved dirt

COLORADO

QUADRANGLE LOCATION

30

29

28

27

26

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Little  
Asphalt  
Ridge

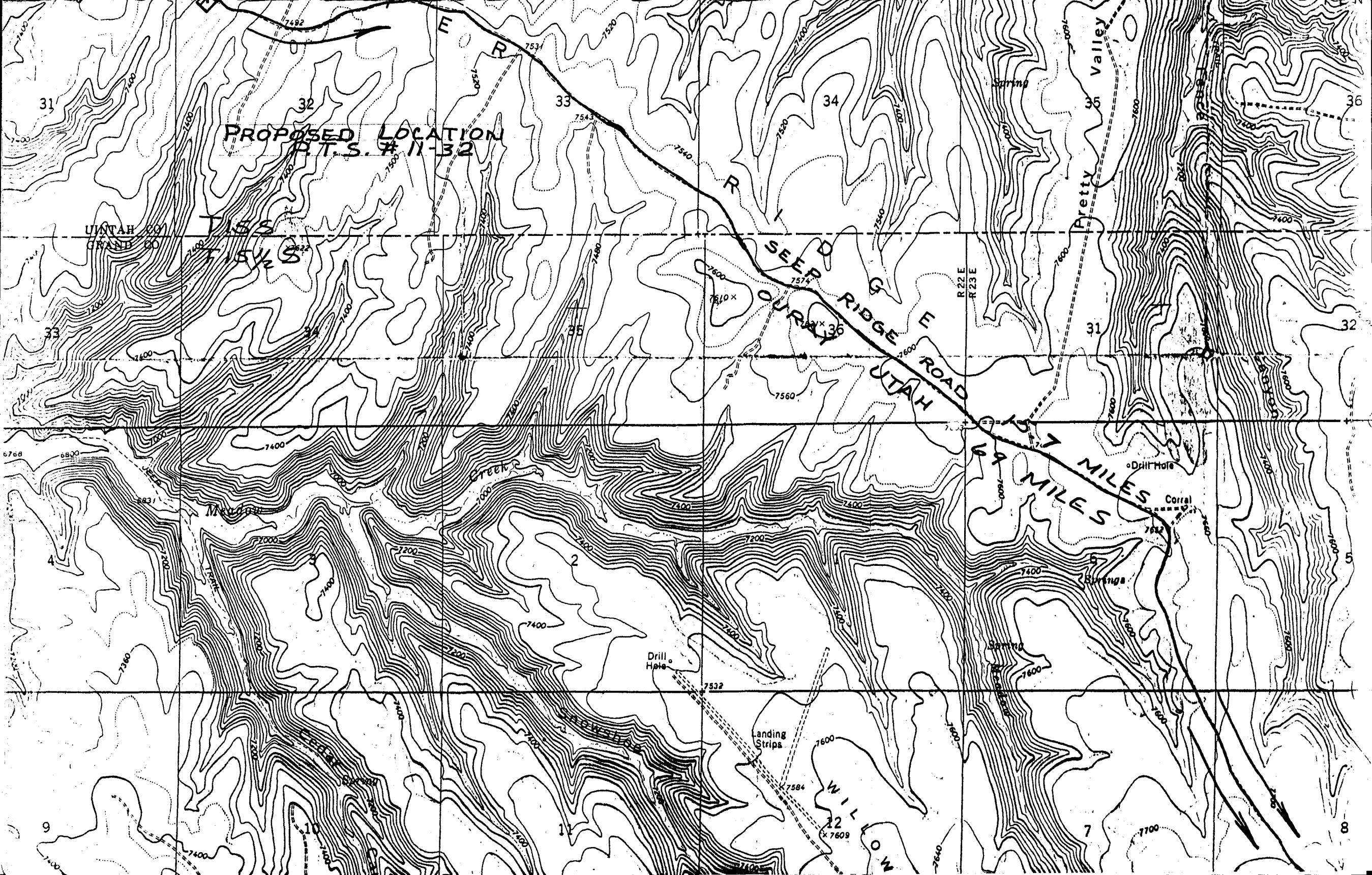
Right  
Fork  
Big  
Asphalt  
Canyon

Subo  
Canyon

Left  
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Asphalt  
Canyon

Right  
Fork  
Big  
Asphalt  
Canyon

Q 760



PROPOSED LOCATION  
P.T.S. # 11-32

UTAH CO  
GRANT CO

T. 5 S.  
R. 15 1/2 E.

SEED RIDGE ROAD  
UTAH ROAD

6.9 MILES  
7.1 MILES

Creek

Drill Hole

Drill Hole

Corral

Spring

Spring

Landing Strips

WILLOW  
X 7609

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**\*\* FILE NOTATIONS \*\***

DATE: Nov 21, 1979

Operator: Pacific Transmission Supply Co.

Well No: Winter Ridge Unit State #11-32

Location: Sec. 32 T. 15S R. 22E County: Uintah

File Prepared: ☒

Entered on N.I.D.: ☒

Card Indexed: ☒

Completion Sheet: ☒

☐ API Number 43-047-30644

CHECKED BY:

Geological Engineer: \_\_\_\_\_

Petroleum Engineer: \_\_\_\_\_

Director: OK - Steve Bond (Field Bond)

APPROVAL LETTER:

Bond Required: ☒

Survey Plat Required: ☐

Order No. \_\_\_\_\_

O.K. Rule C-3 ☒

Rule C-3(c), Topographic Exception/company owns or controls acreage within a 660' radius of proposed site ☐

Lease Designation not a Sec-Unit yet- Plotted on Map ☒  
State sec.

Approval Letter Written ☒

Wtm

#1

hl  
PT



November 28, 1979

Pacific Transmission Supply Company  
P.O. Box 3093  
Casper, Wyoming 82602

Re: Well No. Winter Ridge Unit State  
#11032  
Sec. 32, T. 15S, R. 22E.,  
Uintah County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER  
Geological Engineer  
Office: 533-5771  
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-047-30644.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder  
Geological Engineer

/bom

cc: Donald Prince

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: Pacific Transmission Supply Company

WELL NAME: Winter Ridge Unit State #11-32

SECTION 32 NW NW TOWNSHIP 15S RANGE 22E COUNTY Uintah

DRILLING CONTRACTOR T.W.T.

RIG # 7

SPUDDED: DATE 12/14/79

TIME 1:00 p.m.

HOW cable tools

DRILLING WILL COMMENCE 12/23/79 (rotary)

REPORTED BY Ron Firth

TELEPHONE # 789-4573

DATE December 26, 1979

SIGNED M. J. Minder

cc: USGS  
Donald Prince

**PACIFIC TRANSMISSION SUPPLY COMPANY**  
**Natural Gas Corporation of California**

85 South 200 East  
Vernal, Utah 84078  
(801) 789-4573

December 21, 1979

Mr. E. W. Guynn (3)  
GEOLOGICAL SURVEY- CONSERVATION DIV.  
2000 Administration Bldg.  
1745 West 1700 South  
Salt Lake City, UT 84104

✓ Mr. Frank M. Hamner (1)  
DIVISION OF OIL, GAS & MINING  
1588 West North Temple  
Salt Lake City, UT 84116

MONO POWER (1)  
P.O. Box 800  
Rosemead, CA 91770  
Attn: Mr. B. J. Perry

CHORNEY OIL COMPANY (1)  
401 Lincoln Tower Bldg.  
Denver, CO 80295  
Attn: L. S. Stanley

EXXON COMPANY, USA  
P.O. Box 120  
Denver, CO 80201  
Attn: Frank Adkins

William C. Armor, Jr.  
c/o Chorney Oil Company  
401 Lincoln Tower Bldg.  
Denver, CO 80295  
Attn: L. S. Stanley

Re: PTS #11-32 State, Winter Ridge Unit  
NW 1/4 NW 1/4, Section 32, T15S, R22E  
Uintah County, Utah

Gentlemen:

Enclosed are your required number of copies of Form 9-331, Sundry Notices and Reports on Wells, Spudding Operations Report dated December 20, 1979 for the above referenced well.

Very truly yours,



R. J. Firth  
Petroleum Engineer

RJF/kh  
Encls.

cc: J. L. Wroble  
E. R. Henry  
E. E. Mulholland  
C. T. Clark (Cover Letter Only)

**RECEIVED**

DEC 24 1979

DIVISION OF  
OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well gas ☒ well other ☐
2. NAME OF OPERATOR  
Pacific Transmission Supply Company
3. ADDRESS OF OPERATOR  
P.O. Box 3093, Casper, Wyoming 82602
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 734' from north line, 608' from  
AT TOP PROD. INTERVAL: west line, NW 1/4 NW 1/4,  
AT TOTAL DEPTH: Section 32, T15S, R22E
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) Spudding Operations <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

5. LEASE  
ML 26678
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME  
Winter Ridge
8. FARM OR LEASE NAME  
State
9. WELL NO.  
11-32
10. FIELD OR WILDCAT NAME  
Wildcat
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 32, T15S, R22E
12. COUNTY OR PARISH  
Uintah
13. STATE  
Utah
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)  
7484' Ungr. ground

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Prepared location site and rigged up dry hole digger. Commenced drilling December 14, 1979. Drilled 24" surface hole to 30'. Set 30'-24" conductor casing and cemented with 3 yards ready mix cement. Rigging up rotary drilling rig.

Subsurface Safety Valve: Manu and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED R. J. Firth TITLE Petroleum Engineer DATE December 20, 1979

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:



**PACIFIC TRANSMISSION SUPPLY COMPANY**  
**Natural Gas Corporation of California**

85 South 200 East  
Vernal, Utah 84078  
(801) 789-4573

December 28, 1979

Mr. E. W. Gwynn (3)  
GEOLOGICAL SURVEY-CONSERVATION DIV.  
2000 Administration Bldg.  
1745 West 1700 South  
Salt Lake City, UT 84104

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EXXON COMPANY, U.S.A.  
P.O. Box 120  
Denver, CO 80201  
Attn: Frank Adkins

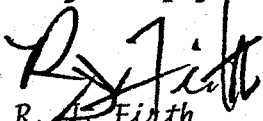
William C. Armor, Jr.  
c/o Chorney Oil Co.  
401 Lincoln Tower Bldg.  
Denver, CO 80295  
Attn: L. S. Stanley

Re: PTS #11-32 State, Winter Ridge Unit  
NW 1/4 NW 1/4, Section 32, T15S, R22E  
Uintah County, UT

Gentlemen:

Enclosed are your required number of copies of Form 9-331, Sundry Notices and Reports on Wells, Weekly Operations Report dated December 28, 1979 for the above referenced well.

Very truly yours,



R. A. Firth  
Petroleum Engineer

RJF/kh  
Encls.

cc: J. L. Wroble  
E. R. Henry  
E. E. Mulholland  
C. T. Clark (Cover Letter Only)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well gas ☒ well other ☐
2. NAME OF OPERATOR  
*Pacific Transmission Supply Company*
3. ADDRESS OF OPERATOR  
*P.O. Box 3093, Casper, WY 82602*
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: *734' from north line, 608' from*  
AT TOP PROD. INTERVAL: *west line, NW 1/4 NW 1/4*  
AT TOTAL DEPTH: *Section 32, T15S, R22E*
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

- TEST WATER SHUT-OFF ☐  
FRACTURE TREAT ☐  
SHOOT OR ACIDIZE ☐  
REPAIR WELL ☐  
PULL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
CHANGE ZONES ☐  
ABANDON\* ☐

SUBSEQUENT REPORT OF:

(other) *Weekly Operations Report* ☒

5. LEASE  
*ML 26678*
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME  
*Winter Ridge*
8. FARM OR LEASE NAME  
*State*
9. WELL NO.  
*11-32*
10. FIELD OR WILDCAT NAME  
*Wildcat*
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
*Section 32, T15S, R22E*
12. COUNTY OR PARISH  
*Uintah*
13. STATE  
*Utah*
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)  
*7484' Ungr. ground*

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

*December 20 thru 26, 1979:*

*Rigged up rotary drilling rig and equipment. Drilled out below conductor casing with 17-1/2" bit at 10:30 a.m. December 23, 1979. Drilled 17-1/2" hole to 512'. Ran 13 jts. 13-3/8", 48.0#, H40 surface casing to 506'. Cemented with 450 sacks Class G cement with cement circulated to surface. Plug down at 11 p.m. December 24, 1979. WOC. Install 13-3/8" casing flange, BOP equipment, and pressure tested to 1000 psi. Drilled cement and casing shoe. Drilled out below 13-3/8" casing at 6:15 p.m. December 26, 1979. Drilled 12-1/4" hole 512'-961'.*

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED *R. J. Smith* TITLE *Petroleum Engineer* DATE *December 28, 1979*

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

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REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other) Weekly Operations Report	<input checked="" type="checkbox"/>	<input type="checkbox"/>

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

December 27, 1979 thru January 2, 1980:

Drilled 12-1/4 hole 961'-4205'. No shows. Deviation survey 1° @ 3666'.

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Utah
13. STATE  
Utah
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7484' Ungr. ground

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

**RECEIVED**

JAN 10 1980

DIVISION OF  
OIL, GAS & MINING  
Set @ MINING Ft.

Subsurface Safety Valve: Manu. and Type

18. I hereby certify that the foregoing is true and correct

SIGNED ORIGINAL SIGNED BY: R. J. FIRTH TITLE Petroleum Engineer DATE January 9, 1980

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
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GEOLOGICAL SURVEY

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TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other) Weekly Operations Report	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>

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January 3 thru 9, 1980:

Drilled 12-1/4" hole 4205'-4508". Stuck pipe. Circulated with oil and work pipe. Unloaded hole with air and water to free pipe. Drilled 12-1/4" hole 4508'-5320".

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED R. J. Firth TITLE Petroleum Engineer DATE January 21, 1980

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

RECEIVED  
JAN 23 1980

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other) Weekly Operations Report	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>

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January 10 thru 16, 1980:

Drill 12-1/4" hole 5320'-5555'. Ran Schlumberger electric logs. Dual Induction-SFL 486'-5543', Borehole Compensated Sonic 488'-5535' and Compensated Neutron Formation Density 486'-5521'.  
DST no. 1 5361'-5555'. No gas to surface, recovered 276' gas cut drilling mud, final shut in pressure 1420 psi. Ran 141 jts. 9-5/8", 40#, K-55 & N-80 intermediate casing. Land casing at 5551' and cemented with 200 sacks Pozmix cement followed by 100 sacks Class G cement. WOC. Set casing slips, cut off casing and installed casing spool. Installed and pressure tested BOP equipment. Drilled cement, float collar and shoe. Drilled 8-1/2" hole 5555'-6150' with air.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED R. J. Firth TITLE Petroleum Engineer DATE January 21, 1980  
(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

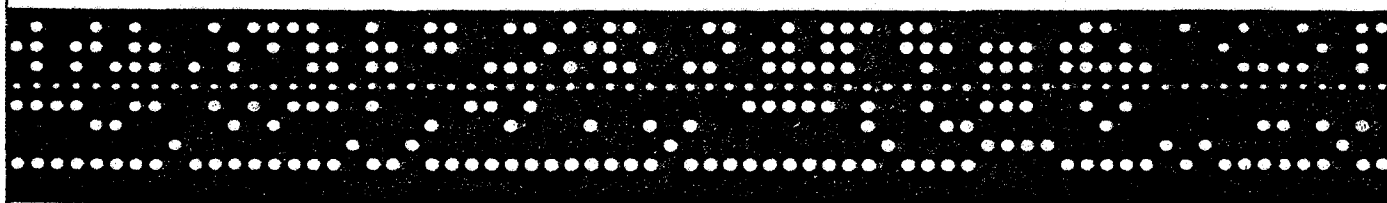
RECEIVED

JAN 23 1980

JOHNSTON

Schlumberger

computerized  
data  
analysis



## COMPUTERIZED DATA ANALYSIS

JANUARY 23, 1980

GENTLEMEN:

THE ENCLOSED TEST WAS CONSIDERED UNRELIABLE FOR AN ANALYSIS DUE TO THE MECHANICAL EFFECTS EXHIBITED DURING THE SHUT-IN PERIODS. A QUALITATIVE ANALYSIS OF THE LATER PART OF THE INITIAL AND FINAL SHUT-IN GIVES INDICATION THAT A TIGHT (LOW PERMEABILITY) FORMATION APPEARS TO BE PRESENT. A SMALL AMOUNT OF GAS WAS NOTED IN THE RECOVERY BUT NO FLOW RATES WERE ESTABLISHED.

*Stephen Gardner*  
STEPHEN GARDNER  
RESERVOIR EVALUATION  
DEPARTMENT

PACIFIC TRANSMISSION SUPPLY COMPANY  
STATE #11-32; UTAH COUNTY, UTAH  
TEST #1; 5356' TO 5554'  
SEC.32-T15S-R22E

FIELD REPORT # 15530 D

In making any interpretation, our employees will give Customer the benefit of their best judgment as to the correct interpretation. Nevertheless, since all interpretations are opinions based on inferences from electrical, mechanical or other measurements, we cannot, and do not guarantee the accuracy or correctness of any interpretations, and we shall not be liable or responsible, except in the case of gross or wilful negligence on our part, for any loss, costs, damages or expenses incurred or sustained by Customer resulting from any interpretation made by any of our agents or employees.

$\Delta T$  (MIN)0.5 0.7 1.1 1.5 2.3 3.4 5.3 8.7 16 38  $\infty$ 

## HORNER PLOT FIELD REPORT NO. 15530D

## INSTRUMENT:

NUMBER: J-374

CAPACITY: 4700 PSI

DEPTH: 5368 FT

## SHUT-IN #1:

PRODUCING TIME ( $T_P$ ): 15.8 MINFINAL FLOW PRESSURE ( $P_{WF}$ ): 101 PSIG

PLOT ELAPSED TIME RANGE: 17.5 TO 76.8 MIN

SHUT-IN  $\Delta T$  TIME RANGE: 1.7 TO 60.8 MIN

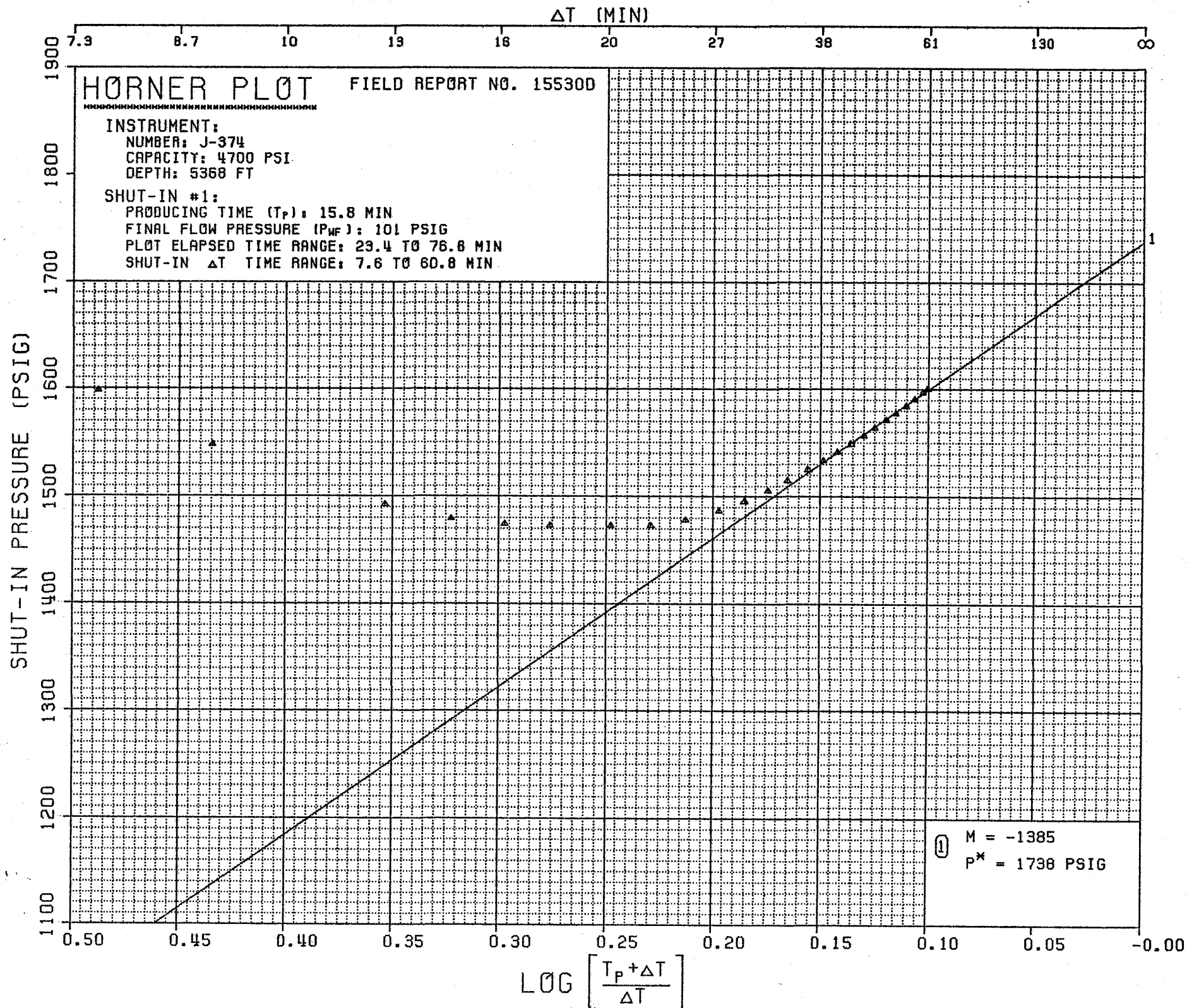
SHUT-IN PRESSURE (PSIG)

3000  
2800  
2600  
2400  
2200  
2000  
1800  
1600  
1400

1.50 1.35 1.20 1.05 0.90 0.75 0.60 0.45 0.30 0.15 0.00

 $\text{LOG} \left[ \frac{T_P + \Delta T}{\Delta T} \right]$





$\Delta T$  (MIN)1.4 2.2 3.5 5.6 9.1 15 25 45 89 231  $\infty$ 

## HORNER PLOT FIELD REPORT NO. 155300

## INSTRUMENT:

NUMBER: J-374

CAPACITY: 4700 PSI

DEPTH: 5368 FT

## SHUT-IN #2:

PRODUCING TIME ( $T_P$ ): 135.1 MINFINAL FLOW PRESSURE ( $P_{WF}$ ): 162 PSIG

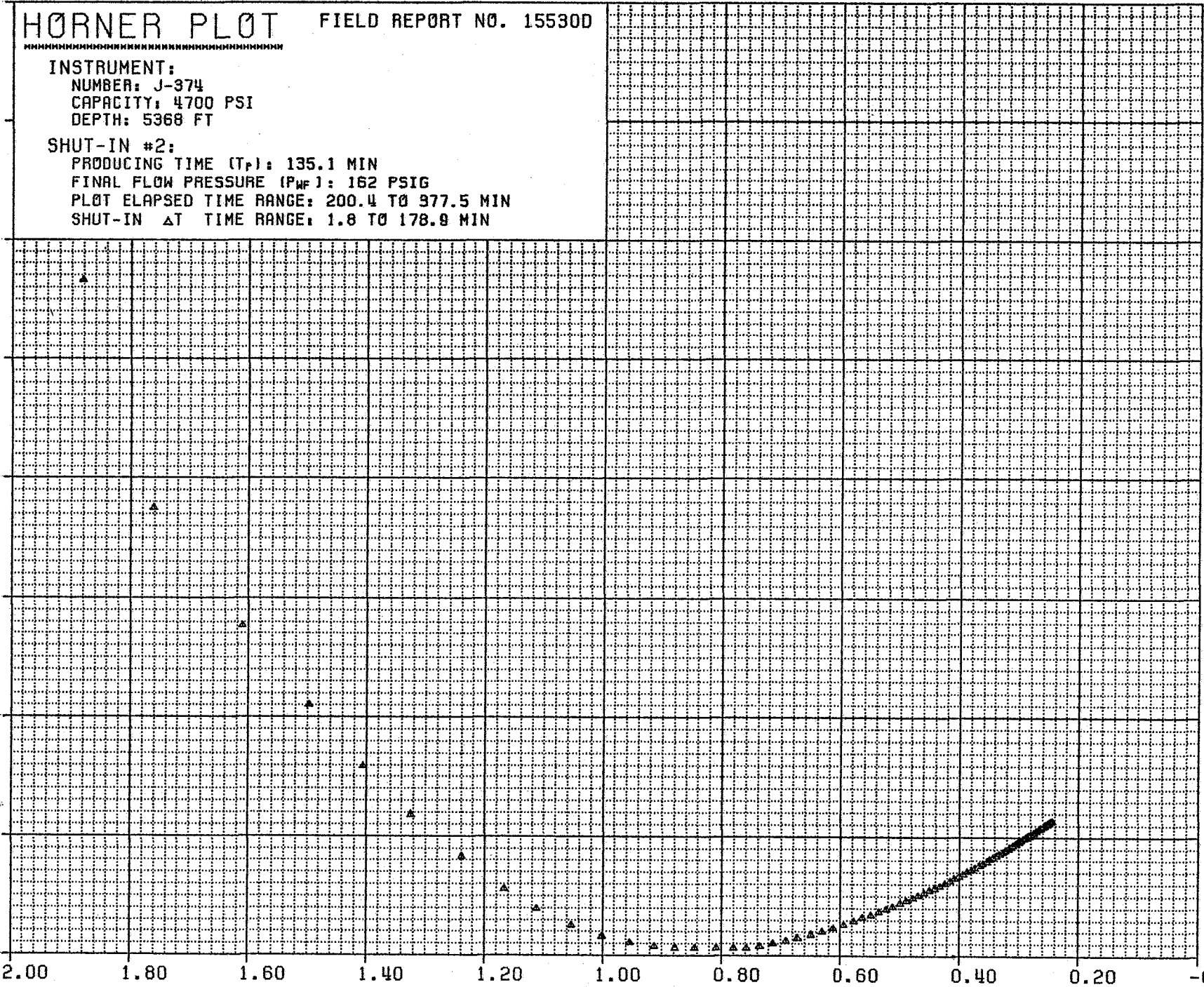
PLOT ELAPSED TIME RANGE: 200.4 TO 977.5 MIN

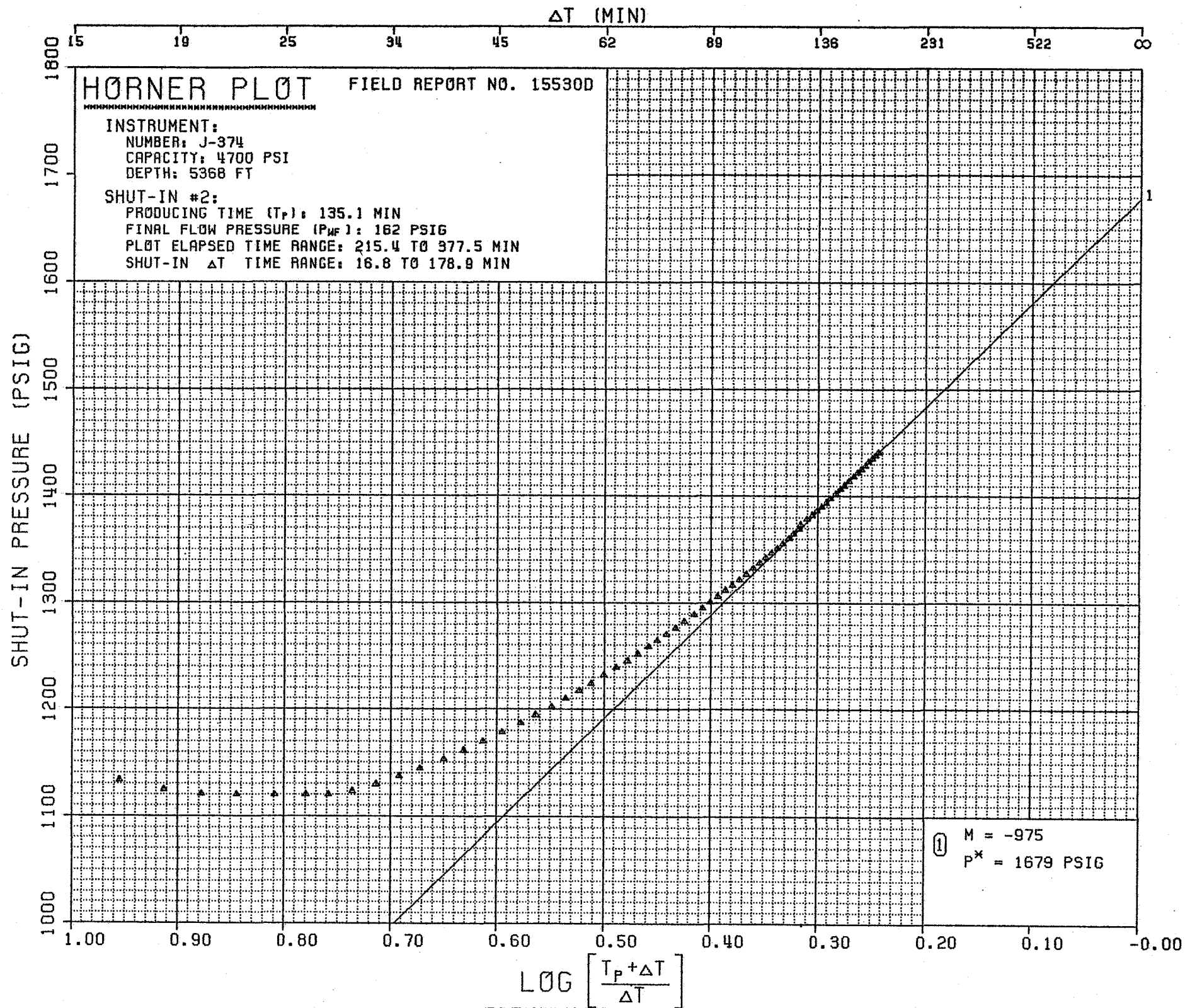
SHUT-IN  $\Delta T$  TIME RANGE: 1.8 TO 178.9 MIN

SHUT-IN PRESSURE (PSIG)

3500  
3200  
2900  
2600  
2300  
2000  
1700  
1400  
1100

2.00 1.80 1.60 1.40 1.20 1.00 0.80 0.60 0.40 0.20 -0.00

 $\text{LOG} \left[ \frac{T_P + \Delta T}{\Delta T} \right]$ 



FIELD REPORT NO. 155300

INSTRUMENT:

NUMBER: J-374

CAPACITY: 4700 PSI

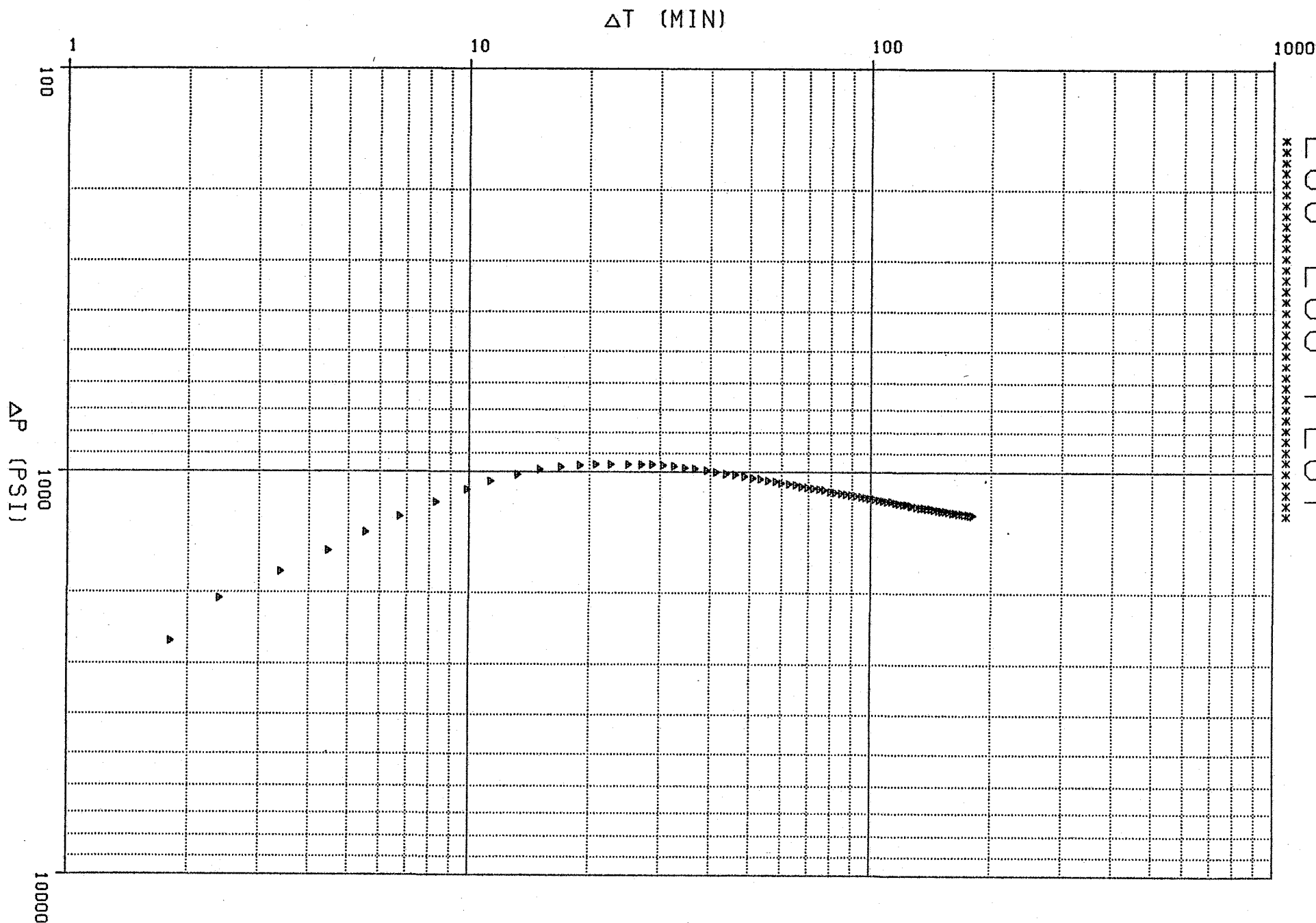
DEPTH: 5368 FT

SHUT-IN #2:

FINAL FLOW PRESSURE ( $P_{WF}$ ): 162 PSIG

PLOT ELAPSED TIME RANGE: 200.4 TO 377.5 MIN

SHUT-IN  $\Delta T$  TIME RANGE: 1.8 TO 178.9 MIN



\*\*\*\*\*  
LOG-LOG PLOT  
\*\*\*\*\*

# WELL IDENTIFICATION

COMPANY: PACIFIC TRANSMISSION SUPPLY COMPANY

P.O. BOX 3093  
CASPER, WYOMING 82602

WELL: STATE #11-32  
TEST INTERVAL: 5356' TO 5554'  
TEST NO: 1  
COUNTY: UINTAH  
TECHNICIAN: RICHARDS (VERNAL)

LOCATION: SEC. 32 - T15S - R22E  
FIELD: WINTER RIDGE (WILD CAT)  
TEST DATE: 1-12-80  
STATE: UTAH  
TEST APPROVED BY: MR. DON BOWDEN

# EQUIPMENT AND HOLE DATA

TEST TYPE: M.F.E. OPEN HOLE

ELEVATION: 7500 FT.  
TOTAL DEPTH: 5554 FT.  
MAIN HOLE/CASING SIZE: 12 1/4 IN.  
RAT HOLE/LINER SIZE: - IN.  
FORMATION TESTED: CASTLE GATE  
NET PROD. INTERVAL: 150 FT.  
POROSITY: - %

DRILL PIPE LENGTH: 5122 FT.  
DRILL PIPE I.D.: 3.80 IN.  
DRILL COLLAR LENGTH: 186 FT.  
DRILL COLLAR I.D.: 2.25 IN.  
PACKER DEPTHS: 5352 & 5356 FT.  
DEPTHS REF. TO: KELLY BUSHING

# TEST TOOL CHAMBER DATA

SAMPLER PRESSURE: 100 PSIG  
RECOVERED OIL GRAVITY: - API @ - DEG. F.  
RECOVERY GOR: - FT3/BBL.

# SAMPLE CHAMBER CONTENTS

FLUID	VOLUME	RESIST. (OHM-M)	MEAS. TEMP. (DEG F.)	CHLOR. (PPM)
GAS:	.16 FT.3			
OIL:	(TRACE) CC			
WATER:	- CC			
MUD:	2310 CC	.34	62	-
FILTRATE:		.40	62	7500
TOTAL LIQUID:	2310 CC			

# MUD DATA

TYPE:	KCL	GEL	CHEMICAL
WEIGHT:		9.2	LB/GAL.
VISCOSITY:		40	SEC.
WATER LOSS:		-	CC
FLUID	RESIST (OHM-M)	TEMP (DEG F)	CHLOR (PPM)
MUD:	.27	58	
FILTRATE:	.44	58	6500

# REMARKS

NO. OF REPORTS REQUESTED: 11 (10X)

FIELD REPORT NO. 155300

# SURFACE INFORMATION

DESCRIPTION(RATE OF FLOW)	TIME	PRESSURE PSIG	SURFACE CHOKE
SET PACKER (1-12-80)	2215	-	-
OPENED TOOL	2218	-	1/4"
SLIGHT BLOW			
BLOW, 7" IN WATER	2223	-	"
BLOW OFF BOTTOM OF BUCKET	2231	-	"
CLOSED FOR INITIAL SHUT-IN	2233	-	"
FINISHED SHUT-IN	2333	-	"
RE-OPENED TOOL	2337	-	"
SLIGHT BLOW			
BLOW, 1" IN WATER	2345	-	"
BLOW, 3" IN WATER	2400	-	"
BLOW, 7" IN WATER (1-13-80)	0012	-	"
BLOW, 9" IN WATER	0019	-	"
BLOW OFF BOTTOM OF BUCKET	0025	-	"
	0106	1	"
	0109	1	"
	0115	1	"
CLOSED FOR FINAL SHUT-IN	0137	3/4	"
FINISHED SHUT-IN	0437	-	"
PULLED PACKER LOOSE	0438	-	"

CUSHION TYPE: -

- FT

- PSIG

15/16 IN. BOTTOM CHOKE

# RECOVERY INFORMATION

RECOVERY	FEET	BARRELS	%OIL	%WATER	%OTHERS	API GRAV.	DEG.	RESIST	DEG.	CHL PPM
GAS CUT MUD WITH A TRACE OF OIL	276	2.19						.30	62	8000

FIELD REPORT NO. 15530D

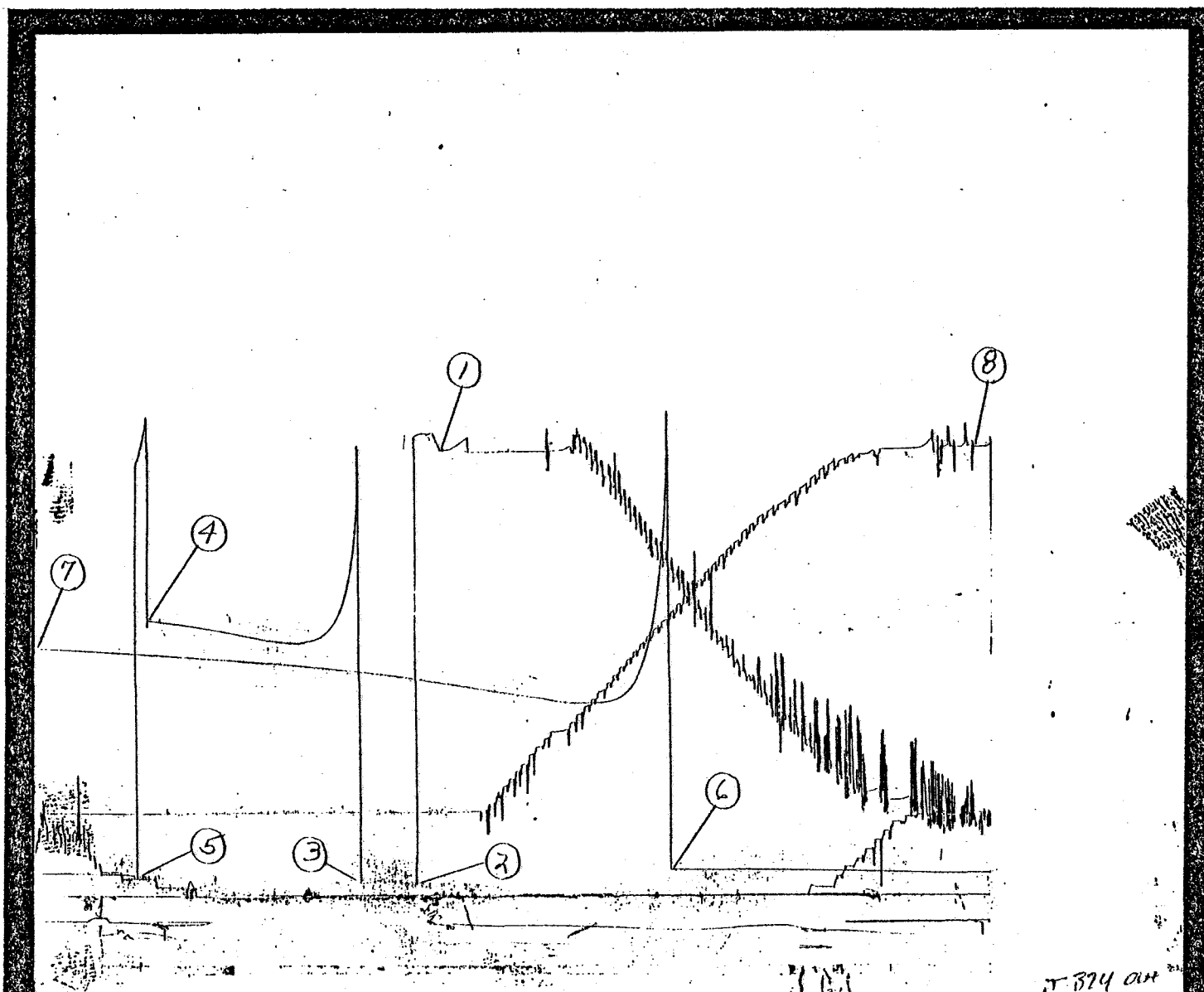
FIELD REPORT NO.: 15530 D

CAPACITY: 4700#

INSTRUMENT NO.: J-374

NUMBER OF REPORTS: 11-

JOHNSTON  
Schlumberger



# PRESSURE LOG

FIELD REPORT NO. 155300

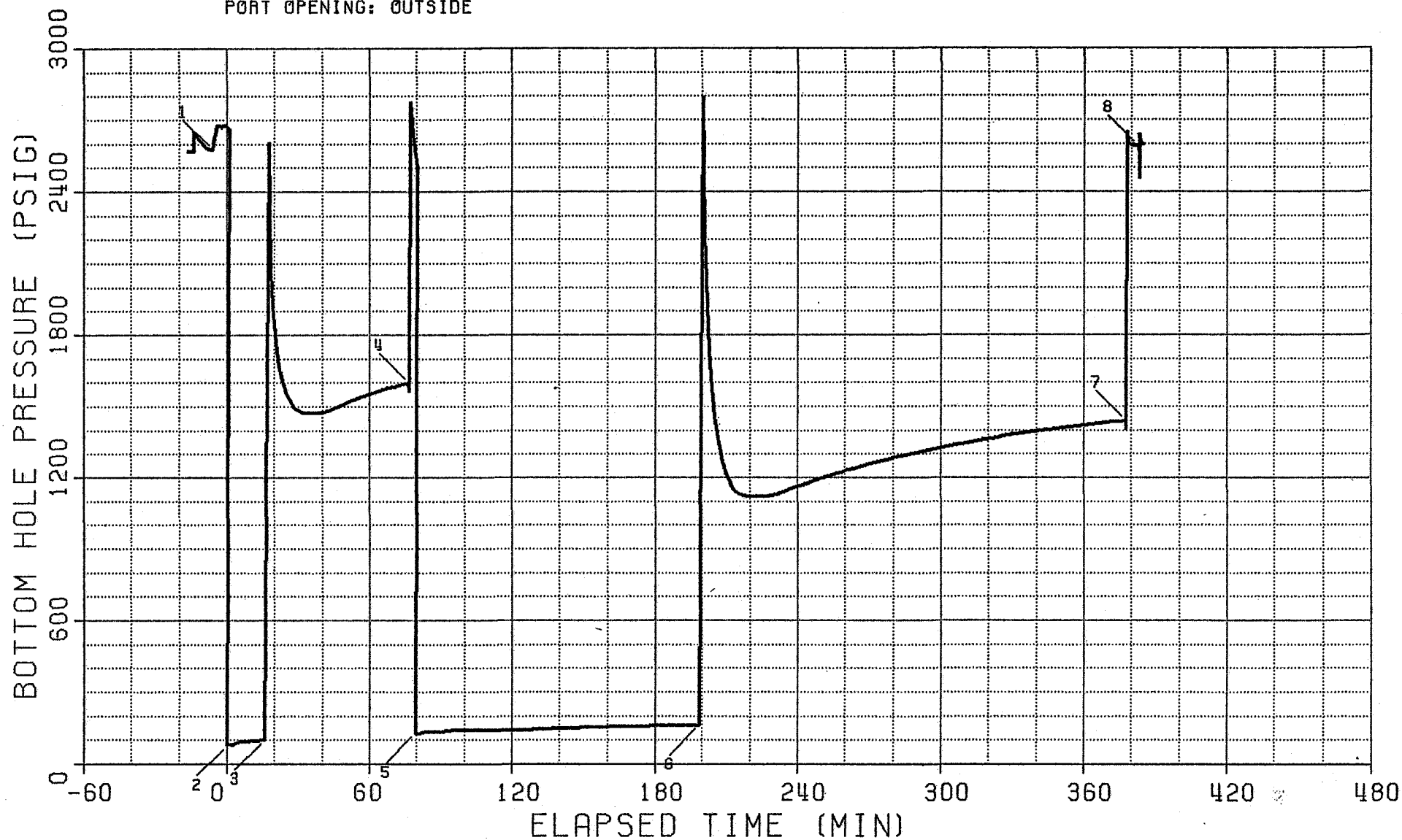
INSTRUMENT:

NUMBER: J-374

CAPACITY: 4700 PSI

DEPTH: 5368 FT

PORT OPENING: OUTSIDE





# BOTTOM HOLE PRESSURE AND TIME DATA

INSTRUMENT NO.: J-374  
PORT OPENING: OUTSIDE

CAPACITY (PSI): 4700  
BOTTOM HOLE TEMP (F): 125

DEPTH (FT): 5368  
PAGE 1

EXPLANATION	LABELED POINT	PRESSURE (PSIG)	ELAPSED TIME (MIN)
HYDROSTATIC MUD	1	2577	-6.0
START FLOW	2	78	0.0
END FLOW & START SHUT-IN	3	101	15.8
END SHUT-IN	4	1600	76.6
START FLOW	5	128	79.3
END FLOW & START SHUT-IN	6	162	198.6
END SHUT-IN	7	1441	377.5
HYDROSTATIC MUD	8	2592	382.4

\*\*\*\*\*  
\* SUMMARY OF FLOW PERIODS \*  
\*\*\*\*\*

FLOW PERIOD	ELAPSED TIME AT START (MIN)	ELAPSED TIME AT END (MIN)	DURATION OF FLOW (MIN)	PRESSURE AT START (PSIG)	PRESSURE AT END (PSIG)
1	0.0	15.8	15.8	78	101
2	79.3	198.6	119.2	128	162

\*\*\*\*\*  
\* SUMMARY OF SHUT-IN PERIODS \*  
\*\*\*\*\*

SHUT-IN PERIOD	ELAPSED TIME AT START (MIN)	ELAPSED TIME AT END (MIN)	DURATION OF SHUT-IN (MIN)	PRESSURE AT START (PSIG)	PRESSURE AT END (PSIG)	FINAL FLOW PRESSURE (PSIG)	PRODUCING TIME (MIN)
1	15.8	76.6	60.8	101	1600	101	15.8
2	198.6	377.5	178.9	162	1441	162	135.1

FIELD REPORT NO. 15530D  
INSTRUMENT NO. J-374TEST PHASE : FLOW PERIOD # 1  
\*\*\*\*\*

ELAPSED TIME (MIN)	DELTA TIME (MIN)	FLOWING PRESSURE (PSIG)
*****	*****	*****
0.0	0.0	78
5.0	5.0	90
10.0	10.0	96
15.0	15.0	100
15.8	15.8	101

TEST PHASE : SHUT-IN PERIOD # 1  
\*\*\*\*\*

1. FINAL FLOW PRESSURE ["P "] = 101 PSIG

2. PRODUCING TIME ["T "] =  
P WF 15.8 MIN

ELAPSED TIME (MIN)	DELTA TIME ["DT"] (MIN)	SHUT-IN PRESSURE ["P "] (PSIG)	LOG [(T +DT)/DT] P	DELTA PRESSURE [P - P ] WS WF
*****	*****	*****	*****	*****
15.8	0.0	101		0
16.8	1.0	1591	1.226	1490
17.8	2.0	2386	0.950	2285
18.8	3.0	1974	0.798	1874
19.8	4.0	1845	0.695	1744
20.8	5.0	1746	0.620	1646
21.8	6.0	1674	0.561	1574
22.8	7.0	1626	0.513	1525
23.8	8.0	1586	0.474	1485
24.8	9.0	1555	0.441	1454
25.8	10.0	1535	0.412	1434
27.8	12.0	1502	0.365	1401
29.8	14.0	1482	0.329	1381
31.8	16.0	1474	0.299	1374
33.8	18.0	1473	0.274	1372
35.8	20.0	1473	0.253	1372
37.8	22.0	1473	0.235	1372
39.8	24.0	1476	0.220	1375
41.8	26.0	1481	0.207	1380
43.8	28.0	1489	0.195	1388
45.8	30.0	1497	0.184	1396
50.8	35.0	1518	0.162	1417
55.8	40.0	1538	0.145	1437
60.8	45.0	1555	0.131	1455
65.8	50.0	1571	0.119	1471
70.8	55.0	1585	0.110	1484
75.8	60.0	1598	0.102	1497
76.6	60.8	1600	0.100	1499

FIELD REPORT NO. 155300  
INSTRUMENT NO. J-374

## TEST PHASE : FLOW PERIOD # 2

\*\*\*\*\*

ELAPSED TIME (MIN)	DELTA TIME (MIN)	FLOWING PRESSURE (PSIG)
*****	*****	*****

79.3	0.0	128
84.3	5.0	134
89.3	10.0	136
94.3	15.0	140
99.3	20.0	142
104.3	25.0	142
109.3	30.0	142
114.3	35.0	142
119.3	40.0	142
124.3	45.0	142
129.3	50.0	145
134.3	55.0	148
139.3	60.0	149
144.3	65.0	151
149.3	70.0	152
154.3	75.0	154
159.3	80.0	155
164.3	85.0	156
169.3	90.0	157
174.3	95.0	158
179.3	100.0	160
184.3	105.0	161
189.3	110.0	161
194.3	115.0	161
198.6	119.2	162

## TEST PHASE : SHUT-IN PERIOD # 2

\*\*\*\*\*

1. FINAL FLOW PRESSURE ["P "] = 162 PSIG

2. PRODUCING TIME ["T "] = 135.1 MIN

ELAPSED TIME (MIN)	DELTA TIME ["DT"] (MIN)	SHUT-IN PRESSURE ["P "] (PSIG)	LOG [(T +DT)/DT] P	DELTA PRESSURE [P - P ] WS WF
*****	*****	*****	*****	*****

198.6	0.0	162		0
199.6	1.0	1626	2.134	1464
200.6	2.0	2600	1.836	2438
201.6	3.0	2044	1.663	1882
202.6	4.0	1815	1.541	1652
203.6	5.0	1652	1.447	1490
204.6	6.0	1528	1.371	1366
205.6	7.0	1435	1.307	1273
206.6	8.0	1365	1.252	1203

FIELD REPORT NO. 15530D  
INSTRUMENT NO. J-374TEST PHASE : SHUT-IN PERIOD # 2  
\*\*\*\*\*

1. FINAL FLOW PRESSURE ["P " ] = 162 PSIG

2. PRODUCING TIME ["T " ] = 135.1 MIN  
P

ELAPSED TIME (MIN)	DELTA TIME ["DT"] (MIN)	SHUT-IN PRESSURE ["P " ] WS (PSIG)	LOG [(T +DT)/DT] P	DELTA PRESSURE [P - P ] WS WF
*****	*****	*****	*****	*****
207.6	9.0	1311	1.204	1148
208.6	10.0	1263	1.162	1101
210.6	12.0	1202	1.088	1039
212.6	14.0	1163	1.027	1001
214.6	16.0	1140	0.975	978
216.6	18.0	1128	0.930	966
218.6	20.0	1122	0.889	960
220.6	22.0	1120	0.854	958
222.6	24.0	1120	0.821	958
224.6	26.0	1120	0.792	958
226.6	28.0	1120	0.765	958
228.6	30.0	1123	0.741	960
233.6	35.0	1139	0.687	977
238.6	40.0	1157	0.641	995
243.6	45.0	1175	0.602	1013
248.6	50.0	1192	0.568	1030
253.6	55.0	1209	0.539	1047
258.6	60.0	1224	0.512	1062
263.6	65.0	1239	0.488	1077
268.6	70.0	1253	0.467	1091
273.6	75.0	1266	0.447	1104
278.6	80.0	1279	0.429	1117
283.6	85.0	1291	0.413	1129
288.6	90.0	1302	0.398	1140
293.6	95.0	1313	0.384	1151
298.6	100.0	1324	0.371	1161
303.6	105.0	1334	0.359	1171
308.6	110.0	1343	0.348	1181
313.6	115.0	1352	0.337	1190
318.6	120.0	1361	0.327	1198
323.6	125.0	1369	0.318	1207
328.6	130.0	1379	0.309	1217
333.6	135.0	1386	0.301	1224
338.6	140.0	1393	0.293	1231
343.6	145.0	1400	0.286	1238
348.6	150.0	1407	0.279	1245
353.6	155.0	1414	0.272	1251
358.6	160.0	1420	0.266	1257
363.6	165.0	1425	0.260	1263
368.6	170.0	1431	0.254	1269
373.6	175.0	1437	0.248	1275
377.5	178.9	1441	0.244	1279

DIVISION OF OIL, GAS AND MINING

PLUGGING PROGRAM

NAME OF COMPANY: Pacific Transmission Supply Co. (Ron Firth)

WELL NAME: Winter Ridge Unit State #11-32

SECTION 32 NW NW TOWNSHIP 15S RANGE 22E COUNTY Uintah

VERBAL APPROVAL GIVEN TO PLUG THE ABOVE REFERRED TO WELL IN THE FOLLOWING MANNER:

TOTAL DEPTH: 9900'

CASING PROGRAM:

13 3/8" @ 506'  
9 5/8" @ 5051' cemented w/300 sx - 4750'  
will pull from 4750'±

FORMATION TOPS:

Morrison	9265'
Dakota Sand	9170'
12' of porosity at	9170'
Dakota Silt	9093'
Castlegate	5340'
Buck Tongue	5099'
Mesaverde	2838'
Wasatch	2108'

PLUGS SET AS FOLLOWS:

#1	9200' - 9000'
#2	7000' - 6800'
#3	5150' - 4950' 1/2 in & 1/2 out of casing
#4	4700' - 4600' 1/2 in & 1/2 out of casing
#5	2938' - 2738'
#6	550' - 450'
#7	30' - surface

Drilling mud will be placed between plugs

DATE January 25, 1980

SIGNED *Donald Prince*

cc: USGS  
Donald Prince

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well    gas ☒ well    other ☐
2. NAME OF OPERATOR  
Pacific Transmission Supply Company
3. ADDRESS OF OPERATOR  
P.O. Box 3093, Casper, WY 82602
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 734' from north line, 608' from  
AT TOP PROD. INTERVAL: west line, NW 1/4 NW 1/4,  
AT TOTAL DEPTH: Section 32, T15S, R22E
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:      SUBSEQUENT REPORT OF:

- |                      |                          |                          |
|----------------------|--------------------------|--------------------------|
| TEST WATER SHUT-OFF  | <input type="checkbox"/> | <input type="checkbox"/> |
| FRACTURE TREAT       | <input type="checkbox"/> | <input type="checkbox"/> |
| SHOOT OR ACIDIZE     | <input type="checkbox"/> | <input type="checkbox"/> |
| REPAIR WELL          | <input type="checkbox"/> | <input type="checkbox"/> |
| PULL OR ALTER CASING | <input type="checkbox"/> | <input type="checkbox"/> |
| MULTIPLE COMPLETE    | <input type="checkbox"/> | <input type="checkbox"/> |
| CHANGE ZONES         | <input type="checkbox"/> | <input type="checkbox"/> |
| ABANDON*             | <input type="checkbox"/> | <input type="checkbox"/> |
- (other) Weekly Operations Report ☒

5. LEASE  
ML 26678
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME  
Winter Ridge
8. FARM OR LEASE NAME
9. WELL NO.  
11-32
10. FIELD OR WILDCAT NAME  
Wildcat
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 32, T15S, R22E
12. COUNTY OR PARISH    13. STATE  
Uintah                      Utah
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)  
7484' Ungr. ground

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

January 17 thru 23, 1980:

Drilled 8-1/2" hole 6150'-9900' with air. Sample tops: Dakota 9161' and Morrison 9383'. Deviation survey 2-1/2" @ 9503'. Cleaned hole and tripped out of hole to perform electric logging operations.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED R. J. Firth TITLE Petroleum Engineer DATE January 24, 1980

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

RECEIVED  
JAN 28 1980  
DIVISION OF  
OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

ML 26678

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL ☐ GAS ☒  
WELL WELL OTHER

2. NAME OF OPERATOR

Pacific Transmission Supply Company

3. ADDRESS OF OPERATOR

P.O. Box 3093, Casper, WY 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*

See also space 17 below.)  
At surface734' from north line, 608' from west line, NW 1/4 NW 1/4  
Section 32, T15S, R22E

7. UNIT AGREEMENT NAME

Winter Ridge

8. FARM OR LEASE NAME

9. WELL NO.

11-32

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Section 32, T15S, R22E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

7500' KB

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETION ☐ABANDON\* ☒CHANGE PLANS ☐

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT\* ☐(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any  
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-  
nent to this work.)\*Drilled well to total depth @ 9900' and conducted electric logging operations. Propose  
to equalize abandonment cement plugs as follows:

Plug No. 1	9000'-9200'	85 sacks cement
Plug No. 2	6800'-7000'	85 sacks cement
Plug No. 3	5465'-5600'	50 sacks cement
Plug No. 4	4750'-9-5/8" casing stub.	60 sacks cement
Plug No. 5	2800'-2900'	100 sacks cement
Plug No. 6	450'-550'	80 sacks cement

Drilling mud will be left between plugs. Propose to attempt 9-5/8" casing salvage from  
4750'. Regulation dry hole marker will be erected. The location site will be cleaned,  
restored, and rehabilitated in conformance with the prescribed abandonment regulations.  
The above described abandonment procedures discussed with the Utah Division of Oil, Gas  
& Mining, Salt Lake City, on January 25, 1980.APPROVED BY THE DIVISION OF  
OIL, GAS, AND MINING

DATE: 2/5/80

BY: M. J. Miner

18. I hereby certify that the foregoing is true and correct

SIGNED

R. J. Firth

TITLE

Petroleum Engineer

DATE

January 29, 1980

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

ML 26678

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Winter Ridge

8. FARM OR LEASE NAME

9. WELL NO.

11-32

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Section 32, T15S, R22E

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL ☐ GAS ☒  
WELL WELL OTHER

2. NAME OF OPERATOR

Pacific Transmission Supply Company

3. ADDRESS OF OPERATOR

P.O. Box 3093, Casper, Wyo. 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface734' from north line, 608' from west line, NW 1/4 NW 1/4  
Section 32, T15S, R22E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

7500' KB

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Weekly Operations Report

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any  
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-  
nent to this work.)\*

January 24 thru 28, 1980:

TD 9900' (driller). TD 9907' (logger).

Completed electric logging operations. Equalized abandonment cement plugs:

1) 9200'-9000' 85 sacks cement; 2) 7000'-6800' 85 sacks cement; 3) 5600'-5465'  
50 sacks cement. Checked free point and work casing to attempt to salvage 9-5/8"  
casing. Casing free at 1100'-1200'. Shot casing at 2900' and displaced 60 sack  
cement plug. Shot off and pulled casing at 615'. Equalized abandonment cement  
plug 645'-450' with 130 sacks cement. Intervals between plugs filled with drilling  
mud. Will set 10 sack cement plug at surface with regulation dry hole marker.  
Released rotary drilling rig, January 28, 1980.

18. I hereby certify that the foregoing is true and correct

SIGNED

R. J. Firth

TITLE Petroleum Engineer

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

RECEIVED 1980

JAN 31 1980

DIVISION OF  
OIL, GAS & MINING

\*See Instructions on Reverse Side



# NATURAL GAS CORPORATION OF CALIFORNIA

OPERATIONS HEADQUARTERS  
308 DURBIN CENTER BUILDING  
145 SOUTH DURBIN STREET  
P. O. BOX 3093  
CASPER, WYOMING 82602  
(307) 265-1027

February 5, 1980

GEOLOGICAL SURVEY - CONSERVATION DIV.  
2000 Administration Bldg.  
1745 W. 1700 South  
Salt Lake City, UT 84104  
Attn: Mr. E.W. Guynn

DIVISION OF OIL, GAS, & MINING  
1588 West North Temple  
Salt Lake City, UT 84116  
Attn: Mr. Frank Hamner

MONO POWER  
P.O. Box 800  
Rosemead, CA 91770  
Attn: Mr. B. J. Perry

CHORNEY OIL COMPANY  
401 Lincoln Tower Building  
Denver, CO 80295  
Attn: L. S. Stanley

EXXON COMPANY, USA  
P. O. Box 120  
Denver, CO 80201  
Attn: T. L. Carten

Mr. J. Milton Wege  
RALPH E. DAVIS & ASSOCIATES  
500 Jefferson, Suite 2031  
Houston, TX 77002

William C. Armor, Jr.  
c/o Chorney Oil Company  
401 Lincoln Tower Bldg.  
Denver, CO 80295  
Attn: L. S. Stanley

Re: Winter Ridge PTS #11-32 State  
Sec. 32, T15S, R22E  
Uintah County, UT

Gentlemen:

Please find enclosed your required number of copies of the Geological Well Report for the above mentioned well.

Very truly yours,

*E. E. Mulholland/mul*

E. E. Mulholland  
OPERATIONS ENGINEER

EEM/me1

cc: JL Wroble, ER Henry, RJ Firth, CT Clark

Enclr.

**RECEIVED**

FEB 08 1980

DIVISION OF  
OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-  
structions on  
reverse side)Form approved.  
Budget Bureau No. 42-R355.5.

4

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input checked="" type="checkbox"/>	Other <input type="checkbox"/>		
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESER. <input type="checkbox"/>	Other <input type="checkbox"/>
2. NAME OF OPERATOR Pacific Transmission Supply Company							
3. ADDRESS OF OPERATOR P.O. Box 3093, Casper, WY 82602							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 734' FNL, 608' FWL, NW 1/4 NW 1/4 Section 32, T15S, R22E At top prod. interval reported below At total depth							
14. PERMIT NO. 30644						DATE ISSUED	
15. DATE SPUDDED		16. DATE T.D. REACHED		17. DATE COMPL. (Ready to prod.)		18. ELEVATIONS (DF, RKB, RT, CG, ETC.)	19. ELEV. CASING HEAD
12-14-79		1-23-80		1-28-80		7500' RKB	
20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL. HOW MANY*		23. INTERVALS DRILLED BY	24. ROTARY TOOLS
9900'							0-30'
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* None						25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN DIL, SNP, FDC, BHC, CNL-FDC						27. WAS WELL Cased No	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
13-3/8"		48.0		506'		17-1/2"	
9-5/8"		40.0		5551'		12-1/4"	
						450 sacks Class G	
						200 sacks Pozmix & 100 sacks Class G	
						6152	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
None							
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
None							
31. PERFORATION RECORD (Interval, size and number)							
None							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
None							
33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)							
35. LIST OF ATTACHMENTS Geological well report submitted February 5, 1980							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records and data.							
SIGNED		R. J. Dirth		TITLE		Petroleum Engineer	

\*(See Instructions and Spaces for Additional Data on Reverse Side)

RECEIVED  
MAR 2 1980  
DIVISION OF OIL & GAS  
DATE 2/25/80

# INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 38, below regarding separate reports for separate completions. If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formations and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference. (Where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 38. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: *Stokes Cement*. Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

## 38. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORRELATE INTERVALS, AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

## 39. GEOLOGIC MARKERS

## 40. WELL COMPLETION OR RECOMPLETION REPORT

## 41. GEOLOGICAL SURVEY

## 42. UNITED STATES

## 43. DEPARTMENT OF THE INTERIOR

## 44. BUREAU OF LAND MANAGEMENT

## 45. WASHINGTON, D.C.

## 46. FORM NO. 100-1

## 47. (Rev. 1-65)

## 48. (See instructions and spaces for Attachments)

## 49. (See instructions and spaces for Attachments)

## 50. (See instructions and spaces for Attachments)

## 51. (See instructions and spaces for Attachments)

## 52. (See instructions and spaces for Attachments)

## 53. (See instructions and spaces for Attachments)

## 54. (See instructions and spaces for Attachments)

## 55. (See instructions and spaces for Attachments)

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## 60. (See instructions and spaces for Attachments)

## 61. (See instructions and spaces for Attachments)

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## 93. (See instructions and spaces for Attachments)

## 94. (See instructions and spaces for Attachments)

## 95. (See instructions and spaces for Attachments)

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPL  
(Other instructions  
verse side)Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

ML 26678

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Winter Ridge

8. FARM OR LEASE NAME

9. WELL NO.

11-32

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Section 32, T15S, R22E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

7500' KB

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

16.

## Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

## SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON\*

SHOOTING OR ACIDIZING

ABANDONMENT\*

REPAIR WELL

CHANGE PLANS

(Other)

(Other)

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Drilled well to total depth at 9900' and conducted electric logging operations.

Equalized abandonment cement plugs as follows:

Plug no. 1 9200'-9000' 85 sacks cement

Plug no. 2 7000'-6800' 85 sacks cement

Plug no. 3 5600'-5465' 50 sacks cement

Shot and pulled 9-5/8" casing at 615'.

Plug no. 4 660'-485' 130 sacks cement

Plug no. 5 at surface with marker 10 sacks cement

Drilling mud was left between all cement plugs. A regulation dry hole marker has been erected and the location cleaned. Further restoration and rehabilitation work to conform with prescribed abandonment regulations will be performed as weather permits and reseeded operations will be conducted during the fall after which inspection notification will be submitted.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

Petroleum Engineer

DATE

March 21, 1980

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

MAR 24 1980

\*See Instructions on Reverse Side

DIVISION OF  
OIL, GAS & MINING